

Appln. No. 10/687,383

Attorney Docket No. 10541-1825

I. Remarks

Reconsideration and reexamination of this application view of the following remarks is herein respectfully requested.

Claim Rejections – 35 U.S.C. § 103(a)

Claims 1-3, 6 and 10-13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent 6,575,263 to Hjelsand et al in view of U.S. Patent 6,609,052 to Radamis et al ("Radamis"). This rejection is improper because Radamis cannot be used as prior art. 35 U.S.C. § 103(c) states:

Subject matter developed by another person, which qualifies as prior art only under one or more of subsections (e), (f), and (g) of Section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Radamis and the current application have a common assignee. As shown on the front page of Radamis and the assignment records for that patent (copies of which are attached), the Radamis reference was assigned to Vision Global Technologies, Incorporated ("VTGI"). The current application is likewise assigned to VTGI, the assignment having been recorded at reel/frame 014625/0566, and a copy of which is attached.

-2-

**BRINKS
HOFFER
GILSON
& LIONE**BRINKS HOFER GILSON & LIONE
PO Box 10395
Chicago, IL 60610

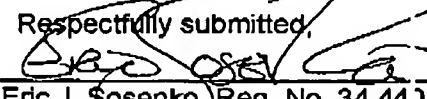
Appln. No. 10/687,383

Attorney Docket No. 10541-1825

Conclusion

In view of the above remarks, it is respectfully submitted that the present form of the claims are patentably distinguishable over the art of record and that this application is now in condition for allowance. Such action is requested.

Nov. 16, 2004
Date

Respectfully submitted,

Eric J. Sosenko, Reg. No. 34,441

-3-

BRINKS
HOFER
GILSON
& LIONE

BRINKS HOFER GILSON & LIONE
PO Box 10395
Chicago, IL 60610



US006609052B2

(12) **United States Patent**
Radamis et al.

(10) Patent No.: **US 6,609,052 B2**
(45) Date of Patent: **Aug. 19, 2003**

(54) **TORQUE SENSOR BACKUP IN A STEER-BY-WIRE SYSTEM**

(75) Inventors: **Maged Radamis, Canton, MI (US);**
Bing Zheng, Dublin, OH (US)

(73) Assignee: **Visteon Global Technologies, Inc.,**
Dearborn, MI (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/810,277**

(22) Filed: **Mar. 16, 2001**

(65) **Prior Publication Data**

US 2002/0161499 A1 Oct. 31, 2002

(51) Int. Cl.⁷ **G06F 19/00; B62D 5/00**

(52) U.S. Cl. **701/41; 701/42; 180/402**

(58) Field of Search **701/41, 42, 43;**
180/402, 422, 446, 405, 415, 443, 249

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,669,569 A * 6/1987 Suzuki et al. 180/249
5,347,458 A * 9/1994 Serizawa et al. 364/424.05
5,668,722 A * 9/1997 Kauffmann et al. 701/41
5,704,446 A * 1/1998 Chandy et al. 180/446
5,765,116 A * 6/1998 Wilson-Jones et al. 701/41
5,845,222 A * 12/1998 Yamamoto et al. 701/41

5,907,277 A * 5/1999 Tokunaga 340/441
5,996,724 A * 12/1999 Shimizu et al. 180/446
6,053,270 A * 4/2000 Nishikawa et al. 180/168
6,097,286 A * 8/2000 Disenzo 340/465
6,098,296 A * 8/2000 Perischo, Jr. et al. 33/203
6,138,788 A * 10/2000 Bohner et al. 180/405
6,176,341 B1 * 1/2001 Ansari 180/402
6,208,923 B1 * 3/2001 Hommel 701/42
6,219,604 B1 * 4/2001 Dülger et al. 701/41
6,279,674 B1 * 8/2001 Lissel et al. 180/402
6,279,675 B1 * 8/2001 Bohner et al. 180/403
6,298,940 B1 * 10/2001 Bohner et al. 180/403
6,389,338 B1 * 5/2002 Chandy et al. 701/29

* cited by examiner

Primary Examiner—**Tan Q. Nguyen**

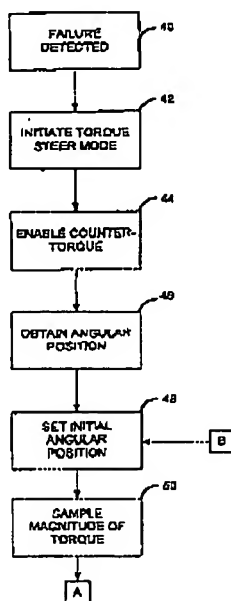
Assistant Examiner—**Dalena Tran**

(74) *Attorney, Agent, or Firm*—**Brinks Hofer Gilson & Lyons**

(57) **ABSTRACT**

A steer-by-wire system for use in a vehicle includes a driver interface system. The driver interface system includes a steering mechanism for use by an operator of the vehicle. The steer-by-wire system may allow the operator to steer the vehicle during failures within the driver interface system. When a failure is detected, the movement of the steering mechanism is controlled and torque applied by the operator to the steering mechanism is measured. The vehicle is maneuvered by the steer-by-wire system as a function of the torque applied.

29 Claims, 4 Drawing Sheets





United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

Assignments on the Web > Patent Query

Patent Assignment Abstract of Title

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 1

Patent #: 6609052

Issue Dt: 08/19/2003 Application #: 09810277 Filing Dt: 03/16/2001

Publication #: US20020161499 Pub Dt: 10/31/2002

Inventors: Maged Radamis, Bing Zheng

Title: TORQUE SENSOR BACKUP IN A STEER-BY-WIRE SYSTEM

Assignment: 1

Reel/Frame: 011624/0800

Recorded: 03/16/2001

Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: RADAMIS, MAGED

Exec Dt: 03/15/2001

ZHENG, BING

Exec Dt: 03/15/2001

Assignee: VISTEON GLOBAL TECHNOLOGIES, INC.SUITE 728, PARKLANE TOWERS EAST, ONE PARKLANE BOULEVARD
DEARBORN, MICHIGAN 48126

Correspondent: BRINKS, HOFER, GILSON & LIONE

SANDERS N. HILLIS

ONE INDIANA SQUARE, SUITE 2425

INDIANAPOLIS, INDIANA 46204

Search Results as of: 11/15/2004 04:11 PM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-318-9723

[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)<http://assignments.uspto.gov/assignments/q?db=pat&q=pat&reel=&frame=&pat=660905...> 11/15/2004

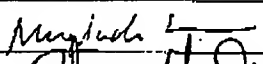
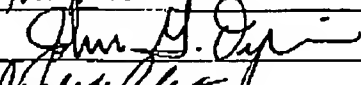

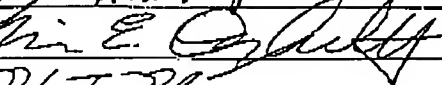

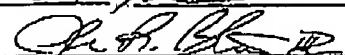
ASSIGNMENT

WHEREAS, we have invented: DRIVER INTERFACE SYSTEM FOR STEER-BY-WIRE SYSTEM, identified as Visteon Disclosure No.: V203-0091 and Attorney Docket No.: 10541-1825, and described in the application executed on the same date hereof.

WHEREAS, VISTEON GLOBAL TECHNOLOGIES, INC., a corporation organized under the laws of the State of Michigan and located at Suite 728, Parklane Tower: East, One Parklane Boulevard, Dearborn, Michigan 48126, is desirous of acquiring an exclusive right to said invention.

For valuable consideration, receipt of which is hereby acknowledged, we hereby sell and assign to VISTEON GLOBAL TECHNOLOGIES, INC., the full and exclusive right to said invention, to all patent applications for said invention in the United States and in all other countries, including all rights of priority in and to said invention in such other countries, and to all patents issued on said invention in the United States and in all other countries; and we hereby request the Director of the United States Patent and Trademark Office to issue all patents on said invention to VISTEON GLOBAL TECHNOLOGIES, INC, as the assignee.

Executed by:

Name	Signature	Date
Muqtada Husain		10/08/03
John G. Oynoian		10/08/03
Joseph A. Platz		10/08/03
Brian E. Daugherty		10/08/03
Robert T. Palmer		10/08/03
John R. Balint, III		10/09/03